Fig. 1

(Prior Art)

Host CPU 11

Target Storage Controller 7

Target Storage Device 9

Network RDF Controller 19

Network Interface Unit 21

... 21

Network Interface Unit

Network Cloud 15

Application

Application

17

Network Interface Unit 21

... 21

Network Interface Unit

Network RDF Controller 19

Host CPU 1

Source Storage Controller 5

Source Storage Device 3
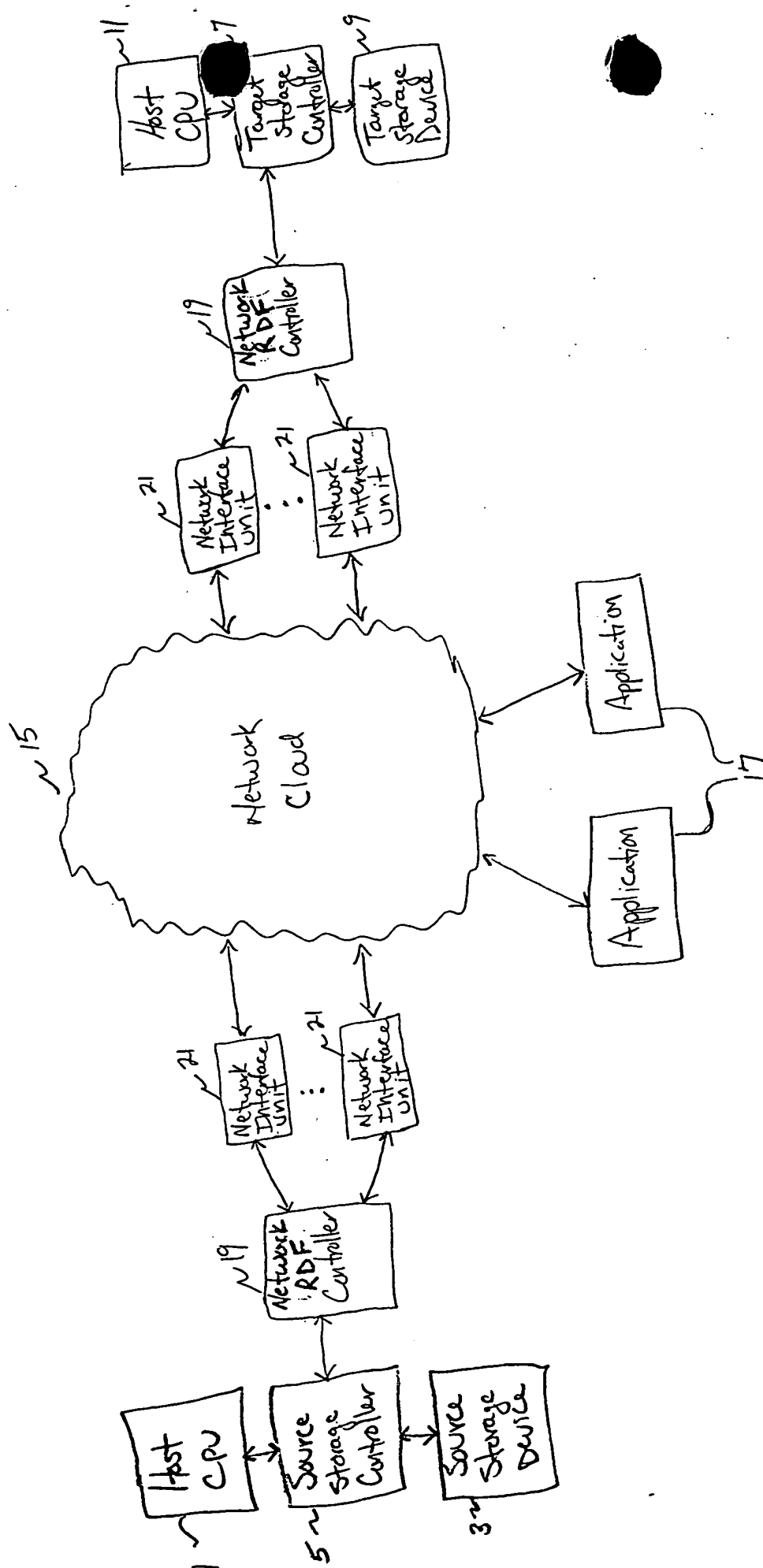
Fig. 2

Application Layer
(e.g., RDF Protocol)   ~ 30

Presentation Layer   ~ 31

Session Layer   ~ 32

Transport Layer
(e.g., UDP, TCP)   ~ 33

Network Layer
(e.g., IP)   ~ 34

Data Link Layer
(e.g., Ethernet, T3, ATM)   ~ 35

Physical Layer   ~ 36

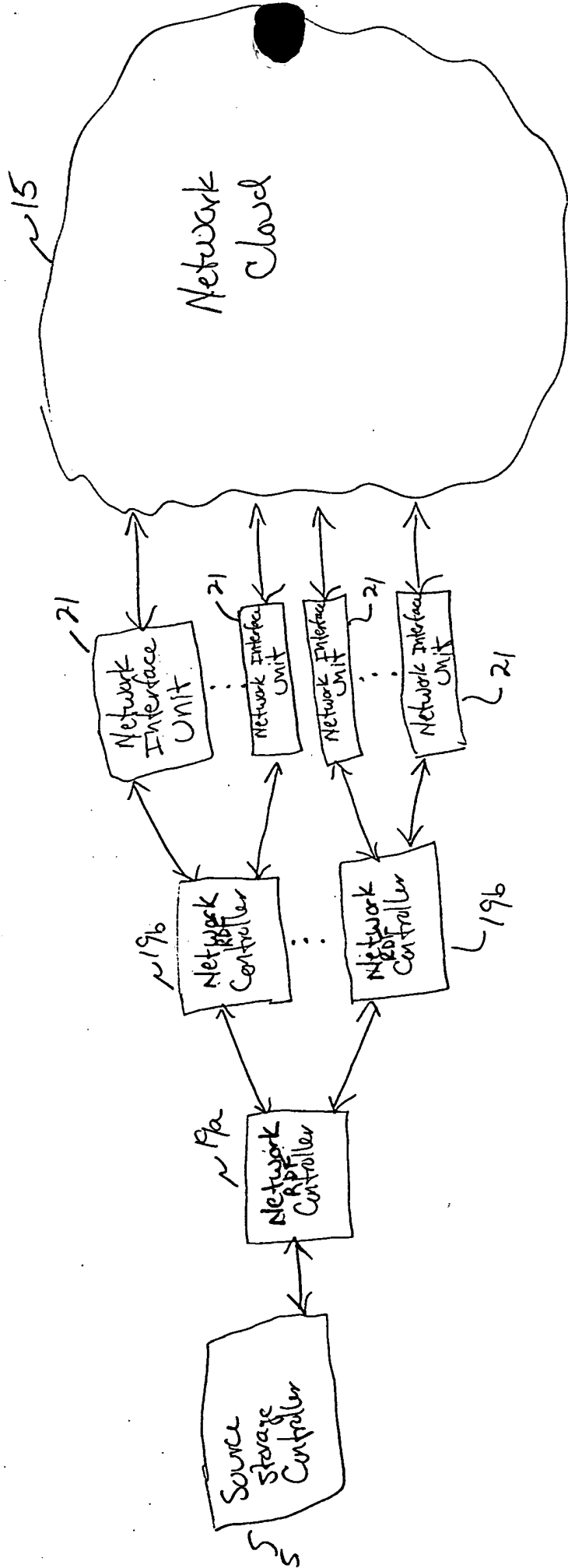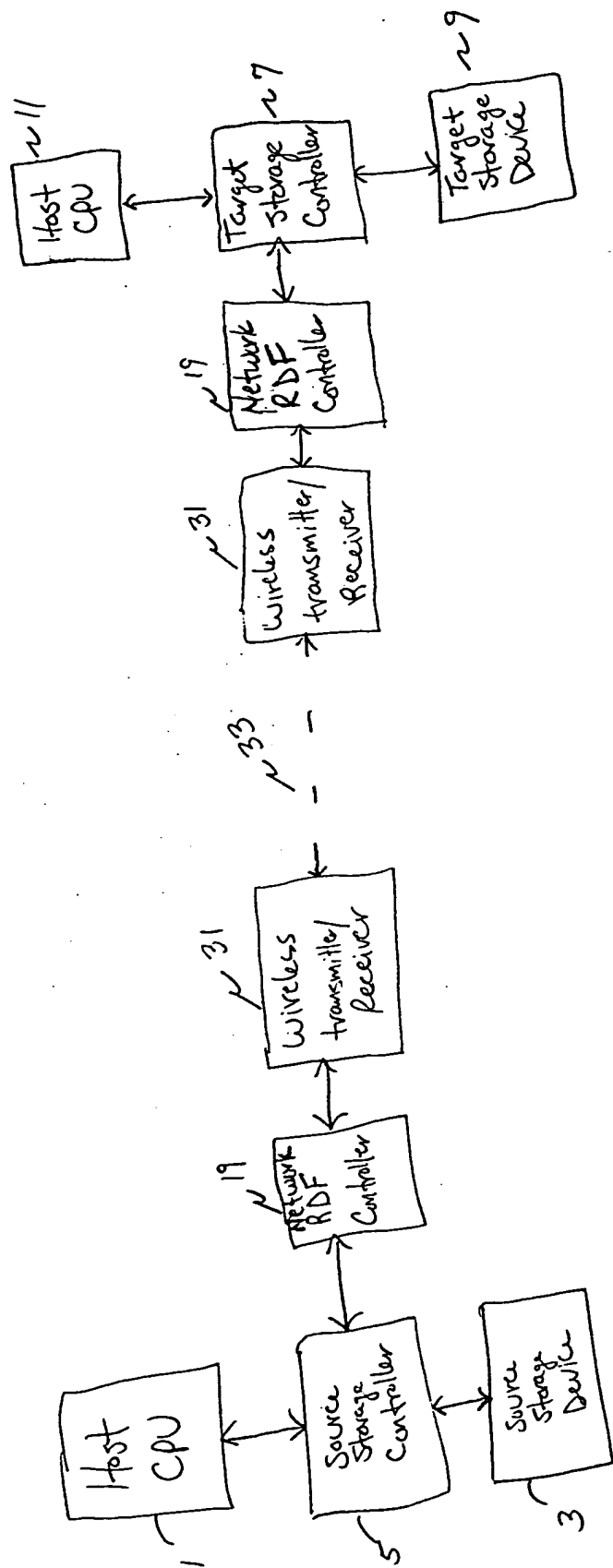Fig 3

Network Cloud

~15

Network
Interface
Unit

~21

Network Interface
Unit

~21

Network Interface
Unit

~21

Network Interface
Unit

~21

Network
ADF
Controller

~19b

Network
ADF
Controller

~19b

Network
ADF
Controller

~19a

Source
storage
Controller

~5

Fig. 4

Fig. 5